

REMARKS

Reconsideration of the application in light of the amendments and the following remarks is respectfully requested.

Status of the Claims

Claims 1-21 are pending. Claims 1, 14 and 19 have been amended to recite the full wording for the acronym “FFT.” Claim 20 has been amended to add a formula which Applicant noted was missing from the claim. No new matter has been added.

Applicant appreciatively acknowledges the Examiner’s indication of allowable subject matter in claims 1-21. The Examiner objected to the use of the acronym “FFT” in claim 1, and recommended that this acronym be fully defined. Claim 1 now recites “a Fast Fourier Transform (“FFT”).” Similar amendments have been made to independent claims 14 and 19. Applicant submits that the amendment to claims 1, 14 and 19 is not narrowing in scope. Further, Applicant submits that claims 1-21 are now in condition for allowance.

Withdrawal of the objection is requested.

Status of the Specification

The Examiner objected to the Specification for containing an informality on line 16, page 6. Specifically, the Examiner indicated the word “invention” was missing from the sentence. The Specification has been appropriately amended. Additionally, Applicant has amended the title to add the full wording for the acronym ADSL. No new matter has been added.

Applicant requests withdrawal of this objection.

CONCLUSION

Each and every point raised in the Office Action dated March 29, 2005 has been addressed on the basis of the above amendments and remarks. In view of the foregoing it is believed that claims 1-21 are in condition for allowance and it is respectfully requested that the application be reconsidered and that all pending claims be allowed and the case passed to issue.

If there are any other issues remaining which the Examiner believes could be resolved through a Supplemental Response or an Examiner's Amendment, the Examiner is respectfully requested to contact the undersigned at the telephone number indicated below.

Respectfully submitted,

Dated: June 16, 2005

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